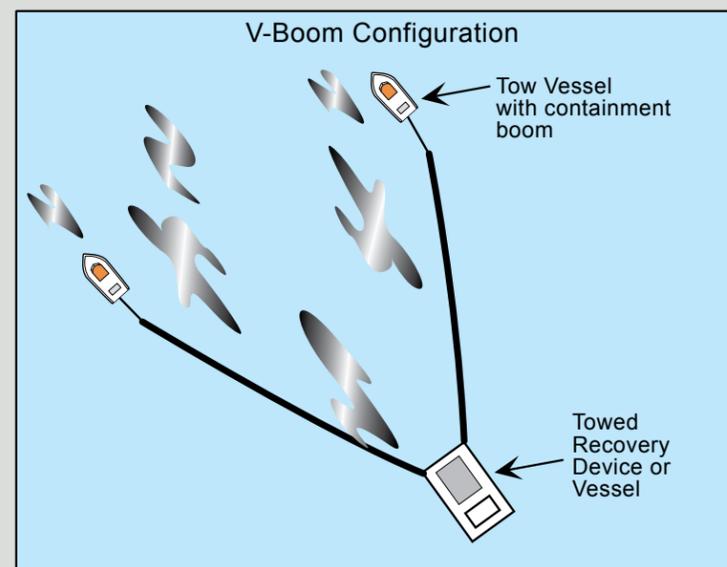


An example of the *Exclusion Booming Tactic*. Actual deployment should be adjusted for local conditions.



An example of the *Free-oil Recovery Tactic*. Actual deployment should be adjusted for local conditions.

Map Legend

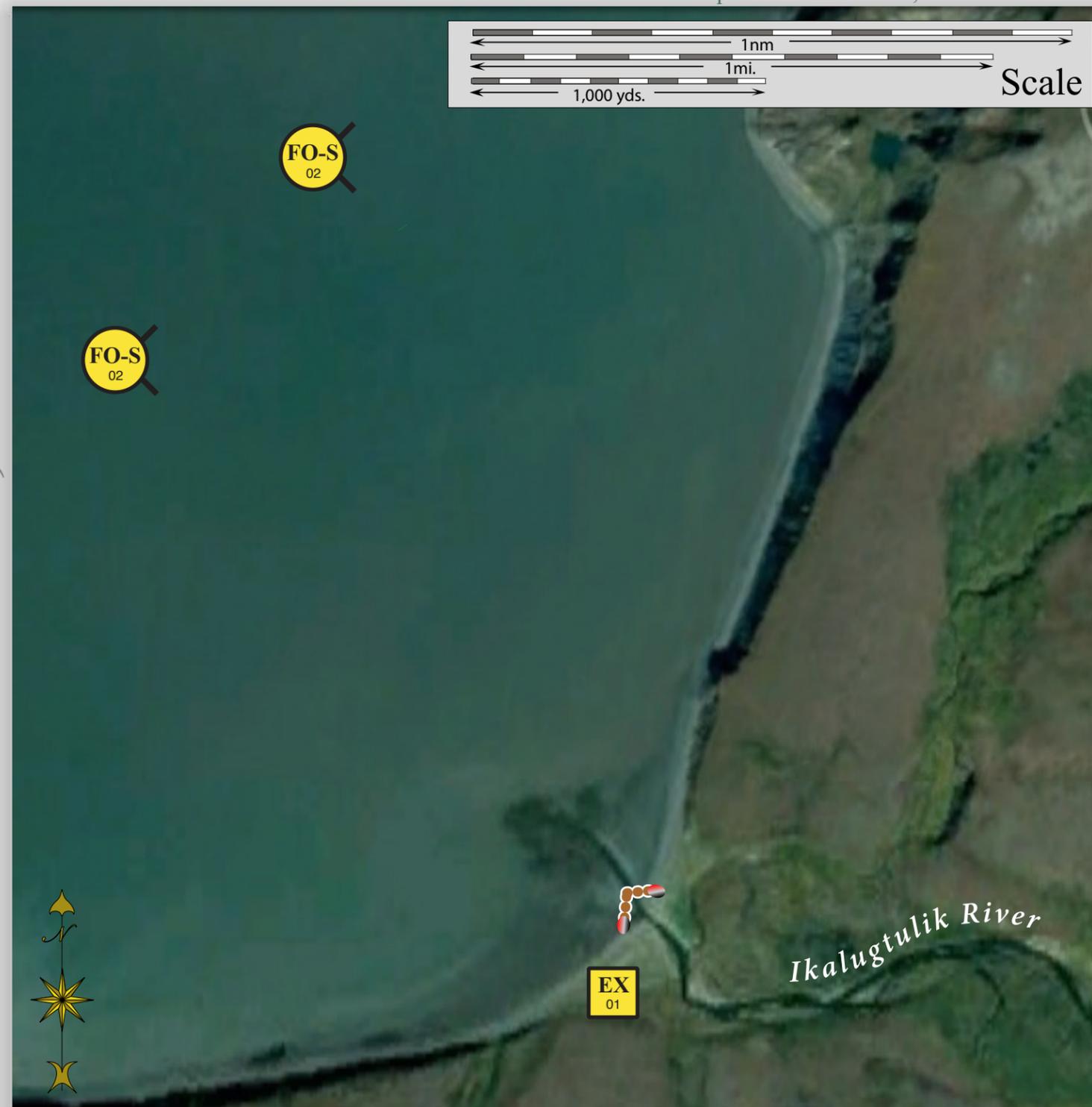
 Free-oil Recovery	 Fast-water Boom
 Exclusion Booming	 Tidal-seal Boom

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

Geographic Response Strategies for Western Alaska Subarea, Northern Zone

Ikalugtulik River, WAK-N12

Center of map at 60° 40.46' N Lat., 165° 06.46' W Lon.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
N-12-01 	Ikalugtulik River Lat. 61° 39.27'N Lon. 165°06.07'W	Exclusion Exclude oil from impacting the stream and intertidal area in Ikalugtulik River.	Deploy anchors and boom with skiffs (class 6) at high tide. Place fast-water boom in a chevron pattern across the mouth of the identified stream. Complete the array with 60 ft. of tidal seal boom on each leg. Tend throughout the tide.	Deployment Equipment 500 ft. fast-water boom 120 ft. tidal seal boom 3 ea. anchor systems 4 ea. anchor stakes Vessels 1 ea. class 6 Personnel/Shift 3 ea. vessel crew/general techs Tending Vessels 1 ea. class 6 Personnel/Shift 2 ea. vessel crew/general techs	Tununak	Via marine waters Chart 16006	Fish- intertidal spawning-salmon (June-Sept.), herring, sheefish, white fish Birds-waterfowl and shorebird concentration Marine mammals- seals Habitat- exposed tidal flats Human use-subsistence	Vessel master should have local knowledge. Title 41 permitting required from ADNR. THREATENED OR ENDANGERED SPECIES/ HABITAT POSSIBLE. Discuss with DOI prior to on-site operations. Surveyed: not yet Tested: not yet
N-12-02 	Ikalugtulik River Nearshore waters in the general area of: Lat. 60° 40.46'N Lon. 165°06.46'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Ikalugtulik River depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Ikalugtulik River. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Tununak	Via marine waters Chart 16006	Same as N-12-01	Vessel master should have local knowledge. Use extreme caution, shallow waters with shifting channels and bars.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Western Alaska Subarea Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_wak.htm.